Index of Claims

| App    | lica | ıtior | 1/Co  | ntro | l No. |
|--------|------|-------|-------|------|-------|
| , , PP |      |       | ., 00 |      |       |

09/864,691

Applicant(s)/Patent under Reexamination

CHANG, HSIN-WANG

WAYNE Art Unit

Examiner

Date

**Emmanuel Coffy** 

2157

√ Rejected
= Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Claim

Restricted

Non-Elected

I Interference

A Appeal
O Objected

|             |  |                                       |              |              |              |                                     |              |              | ш        |                 |
|-------------|--|---------------------------------------|--------------|--------------|--------------|-------------------------------------|--------------|--------------|----------|-----------------|
| Cla         | im   | Date                                  |              |              |              |                                     |              |              |          |                 |
|             |  |                                       |              |              | m            |                                     | m            |              |          | $\dashv$        |
| <del></del> | Original   | 9                                     |              |              | ļ            |                                     |              |              |          |                 |
| Final       | ġ  | 3/17/06                               |              |              |              |                                     |              |              |          |                 |
| "           | ō  | 8                                     |              |              |              |                                     |              |              |          |                 |
|             | 1  | 1                                     | -            |              |              |                                     |              |              |          | -               |
|             | 1<br>2<br>3<br>4<br>5<br>6<br>7                                | 1                                     |              | Н            |              |                                     |              |              |          | ÷               |
| <b></b>     | 3  | ij                                    |              |              | _            |                                     |              |              | Н        |                 |
| -           | 4  | i                                     |              |              |              |                                     |              | _            | _        |                 |
|             | 5  | j                                     |              |              |              |                                     |              |              |          | $\neg$          |
|             | 6  | Ī                                     |              | $\vdash$     |              |                                     |              | _            |          |                 |
|             | 7  | V                                     | $\vdash$     |              |              |                                     | -            | _            |          |                 |
|             |  | V                                     |              |              |              |                                     |              | _            |          |                 |
|             | 8 9  | V                                     | ┢            |              |              |                                     |              | -            | _        | $\dashv$        |
|             | 10   | 1                                     | $\vdash$     |              |              |                                     |              |              |          | $\neg$          |
|             | 11   | 1                                     |              |              |              |                                     |              |              |          |                 |
|             | 12   | 1                                     |              | П            |              |                                     |              |              |          | П               |
|             | 13   | V                                     |              |              |              |                                     |              |              |          |                 |
|             | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |              |              |              |                                     |              |              |          | П               |
|             | 15   | 1                                     |              |              |              |                                     |              |              |          |                 |
|             | 16   | 1                                     |              |              |              |                                     |              |              |          | П               |
|             | 17   | 1                                     |              |              |              |                                     |              |              |          |                 |
|             | 18   | 1                                     |              |              | Г            |                                     |              |              |          |                 |
|             | 19   | 1                                     |              |              |              |                                     |              |              |          |                 |
|             | 20   | 1                                     |              |              | _            |                                     |              |              |          |                 |
|             | 21   | 1                                     |              | Г            |              |                                     |              |              |          | П               |
|             | 22   | √                                     |              |              |              |                                     |              |              |          |                 |
|             | 22<br>23<br>24   | 1                                     |              |              |              | Г                                   | Г            |              |          |                 |
|             | 24   | 1                                     |              |              |              | ·                                   | <u> </u>     |              |          |                 |
|             | 25<br>26   | 1                                     |              |              |              |                                     |              |              |          |                 |
|             | 26   | V                                     |              |              |              |                                     |              |              |          |                 |
|             | 27   | 1                                     |              |              |              |                                     |              |              |          |                 |
|             | 28<br>29   |                                       |              |              |              |                                     |              |              |          |                 |
|             | 29   |                                       | L            |              | <u> </u>     |                                     |              | <u> </u>     |          | Щ               |
|             | 30   |                                       | <u> </u>     | _            |              |                                     |              | <u> </u>     | L        |                 |
|             | 30<br>31   |                                       | L_           |              |              | $oxed{oxed}$                        |              |              |          |                 |
| <u> </u>    | 32   | _                                     | <u></u>      | _            | _            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     |              | <u> </u> | Щ               |
|             | 33<br>34   | L_                                    | <u> </u>     |              | _            | <u> </u>                            | <u> </u>     | <u> </u>     | <u> </u> | Ш               |
|             | 34   | <u> </u>                              | <u> </u>     | _            |              |                                     | L            | <u> </u>     | <u> </u> | $\square$       |
|             | 35   | <u> </u>                              | L.           | <u> </u>     | <u> </u>     | <u> </u>                            | <u> </u>     | <u> </u>     | <u> </u> | $\square$       |
|             | 36<br>37   | $oxed{oxed}$                          | _            | <u> </u>     | _            | <u> </u>                            | <u> </u>     | <u> </u>     | <u> </u> | $\square$       |
| <u> </u>    | 37   | <u> </u>                              | L            | <u> </u>     | <u> </u>     | <u> </u>                            | <b> </b>     |              | <u> </u> | Щ               |
|             | 38   | <u> </u>                              | <u> </u>     | <u> </u>     | _            | <u> </u>                            |              | <b> </b>     | <u> </u> | Щ               |
|             | 39   |                                       | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u>                            | <u> </u>     |              | <u> </u> | Щ               |
|             | 40   | <u> </u>                              | <u> </u>     | <u> </u>     | <b> </b>     |                                     | <u> </u>     | _            | <u> </u> | Щ               |
|             | 41   | <u> </u>                              | <b></b>      | <u> </u>     | <u> </u>     | <u> </u>                            | <u> </u>     | <u> </u>     | <u> </u> | Ш               |
|             | 42   | <u> </u>                              |              | 1            |              | _                                   | ļ            | <del> </del> | ├_       | Щ               |
| <u> </u>    | 43   | <u> </u>                              | <u> </u>     | <del> </del> | <u> </u>     | <u> </u>                            | <del> </del> | <u> </u>     | <u> </u> | Ы               |
| <u> </u>    | 44   | $\vdash$                              | <u> </u>     | ļ            | $\vdash$     | _                                   | <b>—</b>     | $\vdash$     | <u> </u> | Н               |
| <u> </u>    | 45   | $\vdash$                              | <u> </u>     | <b></b> -    | <u>  ·  </u> | <u> </u>                            | <u> </u>     | <u> </u>     | <u> </u> | $\vdash \vdash$ |
| <u> </u>    | 46   | -                                     | -            | -            | -            |                                     | <b>├</b>     | $\vdash$     | $\vdash$ | Н               |
| <u> </u>    | 47   | $\vdash$                              | <u> </u>     | _            | 1_           | _                                   | _            | <u> </u>     | ├-       | $\vdash \vdash$ |
|             | 48   | -                                     | ₩            | <del> </del> | <del> </del> | <u> </u>                            | -            | ├            | 1        | $\vdash \vdash$ |
| -           | 49   | -                                     | <del> </del> | -            |              |                                     | -            | -            | -        | Н               |
|             | 50   | Ь.                                    | L            |              | <u> </u>     |                                     |              | <u> </u>     | L.       | L               |

| Ciaiiii     |                            | Uale         |          |          |          |          |              |              |              |              |
|-------------|----------------------------|--------------|----------|----------|----------|----------|--------------|--------------|--------------|--------------|
| Final       | Original                   |              |          |          |          |          |              |              |              |              |
|             | 51                         |              | $\Box$   |          |          |          |              |              |              |              |
|             | 52                         |              | $\Box$   |          |          |          |              |              |              |              |
|             | 52<br>53                   |              |          | -        |          |          |              |              |              |              |
|             | 54                         |              |          |          |          |          |              |              |              |              |
|             | 54<br>55                   |              |          |          |          |          |              |              |              |              |
|             | 56                         |              |          |          |          |          |              |              |              |              |
|             | 57<br>58                   |              |          |          |          |          |              |              |              |              |
|             | 58                         |              |          |          |          |          |              |              |              |              |
|             | 59                         |              |          |          |          |          |              |              |              |              |
|             | 60                         |              |          |          |          | . ]      |              |              |              |              |
|             | 61                         |              |          |          |          |          |              |              |              |              |
|             | 62                         |              |          |          |          |          |              |              |              |              |
|             | 63                         |              |          |          |          |          |              |              |              |              |
|             | 64                         |              |          |          |          |          |              |              |              |              |
|             | 65                         |              |          |          |          |          |              |              |              |              |
|             | 66                         |              |          |          |          |          |              |              |              |              |
|             | 67                         |              |          |          |          |          |              |              |              |              |
|             | 68                         |              |          |          |          |          |              |              |              |              |
|             | 69                         |              |          |          |          |          |              |              |              |              |
|             | 70                         |              |          |          |          |          |              |              |              |              |
|             | 71                         |              |          |          |          |          |              |              |              |              |
|             | 72                         |              |          |          |          |          |              |              |              |              |
|             | 71<br>72<br>73<br>74<br>75 |              |          |          |          |          |              |              |              |              |
|             | 74                         |              |          |          |          |          |              |              |              |              |
|             | 75                         |              |          | L        |          |          |              |              |              |              |
|             | 76<br>77                   |              |          |          | L        |          |              |              |              |              |
|             | 77                         |              |          |          |          |          |              |              |              |              |
| <u></u>     | 78                         |              |          |          | _        |          |              | _            | _            |              |
|             | 79                         |              |          |          |          |          |              |              |              |              |
| <u></u>     | 80                         |              |          |          |          |          |              |              |              | ļ.,          |
|             | 81                         |              |          |          |          |          |              |              |              | _            |
| <u> </u>    | 82<br>83                   |              |          |          | <u> </u> | _        | _            |              |              |              |
| ļ           | 83                         |              |          | _        | _        |          |              |              |              |              |
| <u> </u>    | 84<br>85                   |              |          |          | <u> </u> |          |              | -            |              |              |
| <u> </u>    | 85                         | $\vdash$     |          | <u> </u> | ⊢        | _        | <u> </u>     | _            | <b> </b>     | <u> </u>     |
|             | 86                         | H            | H        | _        | <u> </u> | <b> </b> | _            | <b></b>      | _            |              |
| <u> </u>    | 87                         | _            |          |          |          | _        | _            | _            |              | _            |
| <b>├</b>    | 88                         | -            |          |          | <u> </u> |          |              | _            | -            |              |
| -           | 89                         | <u> </u>     |          | _        |          |          |              | <u> </u>     | _            |              |
| -           | 90                         |              |          | _        | -        | H        |              | H            | _            |              |
| -           | 91                         | <del> </del> |          | <u> </u> | $\vdash$ | -        | -            | $\vdash$     | $\vdash$     | H            |
|             | 92                         | -            |          | -        | ⊢        | $\vdash$ | <u> </u>     |              | <u> </u>     | <u> </u>     |
| $\vdash$    | 93                         | -            | H        | $\vdash$ | $\vdash$ | $\vdash$ | <del> </del> | -            |              | <del> </del> |
| <u> </u>    | 94                         | <del> </del> | $\vdash$ | <u> </u> |          | -        | $\vdash$     | -            | <del> </del> | <u> </u>     |
| -           | 95<br>96                   | -            | -        | -        | $\vdash$ | $\vdash$ | $\vdash$     | ⊢            | $\vdash$     | $\vdash$     |
| <b>—</b>    | 97                         | $\vdash$     |          | $\vdash$ | $\vdash$ | $\vdash$ |              | <del> </del> |              |              |
| <del></del> | 98                         | ├            | ├—       |          | $\vdash$ | ├        | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$     |
| -           | 99                         | $\vdash$     | $\vdash$ | -        | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$     |
|             | 33                         |              |          |          | 1        |          |              |              | L            |              |

100

| Claim |   | Date          |          |  |              |                                     |          |              |              |                 |  |
|-------|---|---------------|----------|--|--------------|-------------------------------------|----------|--------------|--------------|-----------------|--|
|       |   |               |          |  |              |                                     |          |              |              |                 |  |
| Finai | Original                                      |               |          |  |              |                                     |          |              |              |                 |  |
| ΙŒ    | Öriç  |               |          |  |              |                                     |          |              |              | ı               |  |
|       |   |               |          | _  |              |                                     |          |              |              | Щ               |  |
|       | 101   |               |          |  |              |                                     |          |              |              | _               |  |
|       | 102   |               |          |  |              |                                     |          |              |              | -               |  |
|       | 103<br>104<br>105                             |               |          |  |              |                                     | _        | _            |              | $\dashv$        |  |
|       | 105   |               |          |  |              |                                     |          | Н            |              | $\dashv$        |  |
|       | 106   |               |          |  | -            | -                                   | _        | $\vdash$     |              | $\dashv$        |  |
|       | 106<br>107                                    |               | _        |  |              |                                     | _        | _            | -            | $\dashv$        |  |
|       | 108   |               |          | _  |              |                                     |          |              |              | $\neg$          |  |
|       | 108<br>109                                    |               |          |  |              |                                     |          |              |              |                 |  |
|       | 110   |               | İ        |  |              |                                     |          |              |              |                 |  |
|       | 110<br>111<br>112<br>113<br>114<br>115<br>116 |               |          |  |              |                                     |          |              |              |                 |  |
|       | 112   |               |          | $oxed{oxed}$                                     |              |                                     |          |              |              | Ш               |  |
|       | 113   | Ш             |          | $oxed{oxed}$                                     |              |                                     | _        |              |              | Ш               |  |
|       | 114   | <b> </b>      | _        | L  |              | _                                   | <u> </u> |              |              |                 |  |
|       | 115   |               |          | $\vdash$   |              | _                                   |          |              |              | $\vdash \vdash$ |  |
|       | 116   |               | _        | ├—   | $\vdash$     |                                     | _        | H            |              | $\vdash\vdash$  |  |
|       | 110   | <del> -</del> | -        |  | $\vdash$     | H                                   | $\vdash$ | -            |              | $\vdash$        |  |
|       | 110   | -             | -        | ┢  |              |                                     | ┢        |              | $\vdash$     | $\vdash$        |  |
|       | 120   | -             | -        | $\vdash$   |              |                                     | -        | _            | _            | Н               |  |
|       | 121   | -             |          |  |              |                                     | -        |              |              | Н               |  |
|       | 122   | _             |          |  |              |                                     |          |              |              | П               |  |
|       | 123   |               |          |  |              |                                     | Г        |              | $\Box$       |                 |  |
|       | 118<br>119<br>120<br>121<br>122<br>123<br>124 |               |          |  |              |                                     |          |              |              |                 |  |
|       | 125   |               |          |  |              |                                     |          |              |              | Ш               |  |
|       | 125<br>126<br>127                             |               |          | <u> </u>   |              |                                     | _        |              |              | Ш               |  |
|       | 127   |               |          | <u> </u>   |              | <u> </u>                            | _        |              |              | Ш               |  |
|       | 128<br>129                                    |               |          | <u> </u>   |              | <u> </u>                            | <u> </u> |              | _            | Н               |  |
|       | 129   |               |          |  |              |                                     |          | <u> </u>     |              | Н               |  |
|       | 130   | <u> </u>      |          | -  | -            | $\vdash$                            | -        |              | <del> </del> | $\vdash$        |  |
|       | 131<br>132                                    |               |          | -  |              | -                                   | <u> </u> | <del> </del> |              | $\vdash$        |  |
|       | 133   | -             |          | ┢  |              | -                                   | $\vdash$ | <del> </del> | -            | Н               |  |
|       | 134   |               | $\vdash$ | <del>                                     </del> | <del> </del> | $\vdash$                            | $\vdash$ |              | <del> </del> | H               |  |
|       | 135   | ·             | _        | <del>                                     </del> | <u> </u>     |                                     |          |              |              |                 |  |
|       | 136   |               |          |  |              |                                     |          |              |              | П               |  |
|       | 136<br>137<br>138                             |               |          |  |              |                                     |          |              |              |                 |  |
|       | 138   |               |          |  |              |                                     |          |              |              |                 |  |
|       | 139<br>140                                    |               | L        |  | <u> </u>     |                                     | ļ        |              |              | Ш               |  |
|       |   |               |          | <u> </u>   | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | _            |              | Ш               |  |
|       | 141   | <del> </del>  | <u> </u> | <u> </u>   | _            | <u> </u>                            | <u> </u> | _            | _            | Ш               |  |
|       | 142   | ├             |          | ⊢  | <u> </u>     | <u> </u>                            | -        | _            | L            | Н               |  |
|       | 143<br>144                                    | ├             |          | ├-   |              | ├-                                  | -        | _            |              | Н               |  |
|       | 144   | -             | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$                            | $\vdash$ | -            | -            |                 |  |
|       | 145   |               | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$                            | H        | -            | -            | $\vdash$        |  |
|       | 147   | -             | $\vdash$ | <del> </del>                                     | ╁            | $\vdash$                            | ┢        | ├            | <del> </del> | H               |  |
|       | 148   | $\vdash$      | -        | $\vdash$   | <u> </u>     | $\vdash$                            |          | $\vdash$     | $\vdash$     | H               |  |
|       | 149   |               | $\vdash$ | ļ  | $\vdash$     |                                     | T        | Т            | $\vdash$     | П               |  |
|       | 150   | Г             |          |  |              | T                                   |          |              |              | П               |  |
|       |   |               |          |  |              |                                     |          |              |              |                 |  |